

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A display device for tomographic image, comprising:

[[a)] a display portion ~~for displaying~~ configured to display at least one series of tomographic images[[,]];

[[b)] a storage mechanism ~~for storing~~ configured to store at least one series of tomographic image data[[,]];

[[c)] a display-speed setting mechanism ~~for setting~~ configured to set a display speed for said at least one series of tomographic images[[,]]; and

[[d)] a controller ~~which receives~~ configured to receive data from the storage mechanism for displaying the at least one series ~~and displays of~~ tomographic images ~~in the manner of~~ by paging on the display portion ~~for the series~~ based on [[a)] the display speed set by the display-speed setting mechanism[[,]], wherein

the display-speed setting mechanism ~~being is~~ is a mechanical ~~variable knob~~ slide-bar variable adjuster positioned in a separate case from ~~that a case~~ comprising the controller.

Claim 2 (Canceled).

Claim 3 (Currently Amended): A display device for tomographic image, comprising:

[[a)] a display portion ~~for displaying~~ configured to display at least two series of tomographic images[[,]];

[[b)] a storage mechanism ~~for storing~~ configured to store at least two series of tomographic image data[[,]];

[[(c)]] a display-speed setting mechanism ~~for setting a~~ configured to set display ~~[[speed]]~~ speeds of each series for the at least two series of tomographic images ~~[[,]]~~; and

[[(d)]] a controller ~~which receives~~ configured to receive data from the storage mechanism for each series and simultaneously ~~displaying a plurality of~~ displays the at least two series of tomographic images on the display portion ~~for individual series~~ based on a ~~speed~~ the display speeds set by the display-speed setting mechanism; and

a synchronization command sending mechanism configured to match the display speeds for the at least two series of tomographic images, wherein

the controller displays tomographic images of the at least two series by paging while synchronizing the display speeds for the at least two series of tomographic images based on a synchronization command from the synchronization command sending mechanism, and

the at least two series displayed comprise a first series obtained using a contrast medium and a second series obtained without a contrast medium for a same portion of a body and the first and second series are obtained during a same diagnostic time.

Claim 4 (Canceled).

Claim 5 (Currently Amended): The display device for tomographic image as claimed in Claim 3 ~~[[or 4]]~~, wherein the display-speed setting mechanism is a mechanical variable adjusting knob in a separate case from ~~[[that]]~~ a case comprising the controller.

Claim 6 (Original): The display device for tomographic image as claimed in Claim 5, wherein the mechanical variable adjusting knob is a mechanical slide-bar type of variable adjuster.

Claim 7 (Currently Amended): The display device for tomographic image as claimed in Claim 3 ~~[[or 4]]~~, wherein the display-speed setting mechanism is a keyboard or a mouse ~~cooperatively worked with software~~ that based on software so as to set sets the display ~~[[speed]]~~ speeds.

Claims 8-11 (Canceled).

Claim 12 (Currently Amended): The display device for tomographic image as claimed in ~~any of Claim 1 to 6~~; Claim 3, further comprising a receiving portion ~~for receiving~~ configured to receive a CT value range to be displayed on the image display portion~~[[;]]~~, wherein

~~whereby~~, the display device is adapted to accomplish the method ~~for displaying~~ tomographic image of Claim 9 comprising the steps of:

locating a display area in the form of a bar whose ends define a minimum value and a maximum value of a necessary display range of a CT value;

receiving the CT value range to be displayed on the image display portion;

indicating the received CT value range on the display area using visibly distinctive color;

indicating a center of the received CT value range using further visibly distinctive color or shape; and

showing CT values currently displayed on said image display portion.

Claim 13 (New): A display device for tomographic image, comprising:
a display portion configured to display at least two series of tomographic images;

a storage mechanism configured to store at least two series of tomographic image data;

a display-speed setting mechanism configured to set display speeds of each series for the at least two series of tomographic images;

a controller configured to receive data from the storage mechanism for each series and simultaneously displays the at least two series of tomographic images on the display portion based on the display speeds set by the display-speed setting mechanism; and

a synchronization command sending mechanism configured to match the display speeds for the at least two series of tomographic images when a number of images in each of the at least two series is different, wherein

the controller displays tomographic images by paging while synchronizing the display speeds for the at least two series of tomographic images based on a synchronization command from the synchronization command sending mechanism.